

Abstract of the Disclosure

A oxygen-production device includes a pulse-tube cryocooler for cooling air to liquefy oxygen, and a main container for obtaining and retaining liquefied oxygen. The 5 main container has a heat regenerator, a cold head, and a pulse tube of the pulse-tube cryocooler therein. A temperature sensor measures a temperature of the liquefied oxygen, and a control device controls an output of the pulse-tube cryocooler according to the temperature measured by the 10 temperature sensor.